

## **A.W.F. FLEXIBLE RUBBER 80 E.G.**

AWF Flexible Rubber 80 E.G. is a 80 durometer high performance paste grade elastomer which has been specifically developed for the repair of rubber components by trowel or putty knife and is suitable for use on impellers, chutes, hoppers, valves, rollers, gaskets, hoses and cables etc.



Preparation

All existing dirt, oil and grease should be removed and the surface wiped with AWF Universal Cleaner. Any areas of frayed or fragmented rubber should be cut away to provide a sound repair area. Smooth surfaces including metals should be mechanically etched to produce a good profile with abrasive blasting being preferred for metal substrates. Rubber surfaces are best roughened using a stiff wire brush. Edges of repair areas of belts, hoses, tyres etc should be undercut.



Mixing Ratio

AWF Flexible Rubber 80 E.G.is a two part material consisting of a Base & Activator resin which must be mixed together prior to use. Three volumes of the Base and two volumes of the Activator should be measured onto a clean surface and the two resins mixed thoroughly together to produce a smooth streak free material. Thorough mixing is extremely important and once the material appears mixed, a further period of mixing should be carried out to ensure there is no unmixed material.

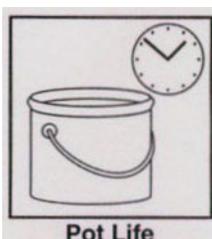
<b><u>Mixing Ratio:</u></b>	<u>Base</u>	<u>Activator</u>
	3	2 by volume
	3	2 by weight



Curing Time

Drying, Curing times at 20°C

Initial set:	4 hours
Machining:	16 hours
Full mechanical:	3 days



Pot Life

Once you have mixed the Base and the Activator together, you have approximately 12 minutes to use the mixed material

## APPLICATION DETAILS



### PRIMING

All areas to be repaired or resurfaced should be first primed with AWF Primer. The primer should be applied with a soft bristled brush to give an even but low coating thickness taking care to avoid ponding of the primer. The primer should be allowed a minimum of 60 minutes and a maximum of 8 hours at 20°C before applying AWF Flexible Rubber 80 E.G.

The mixed material should be pressed firmly onto the prepared area working the product into cracks or defects on the surface. Where necessary, reinforcement tape should be bedded into the material and overlapped to provide multi-layer reinforcement. All equipment must be cleaned immediately after use with AWF Universal Cleaner

APPEARANCE:

Base:

Black Viscous Liquid

Activator:

Yellow Viscous Liquid

VOLUME SOLIDS:

100%

V.O.C.:

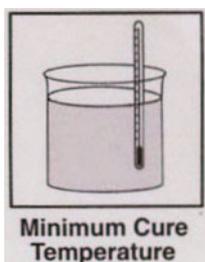
Nil

SHORE A HARDNESS:

80



N/A



5°C



Use within 12 months of purchase. Store in original sealed containers at temperatures between 5°C and 30°C.



As long as good practice is observed, AWF Flexible Rubber 80 E.G. can be safely used. Protective gloves should be worn during use.

A fully detailed Material Safety Data Sheet is available on request.

If you have any questions or queries regarding this data sheet or the application of this product, please contact us before you use the product.